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EAST EUROPEAN ECONOMIC DEVELOPMENTS: 1928-1954

Part II. Population and Physical Production

This report was prepared as part of the US contribution to a NATO study comparing economic trends in the Free World and in the Sino-Soviet Bloc. The other two parts of the study which relate to East Europe are: Part I, Gross National Product Analysis and Part III, Foreign Trade.

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Prefatory Statement

Physical output was estimated partly on the basis of official reports by the Satellite governments and partly on the basis of reports from independent sources of varying reliability. In a number of cases--where two sets of estimates were available and they could not be reconciled within the time limit set for the completion of this report--alternative estimates are shown in footnotes.

In the case of East Germany, the alternative estimates--based largely on West German sources and involving prewar weights--were used in the summary tables III, IV, and V.

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This report is based on material made available through 30 June 1955.

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~~S-E-C-R-E-T~~EAST EUROPEAN ECONOMIC DEVELOPMENT: 1928-1954
Population and Physical ProductionA. Population and Labor Force of the European Satellites, by Age Group and Sex.

European Satellite population will continue to grow, although slowly. In the near future the proportion of old people will increase, as will the proportion of children 14 years of age and under. The labor force itself will increase only slightly as a percentage of the total population. Within the labor force, however, a structural change which began earlier will continue, and a larger proportion of the labor force will be composed of nonagricultural workers.

I. Population of European Satellites, 1928-1955
(In 1,000 persons; present boundaries)

	<u>1928</u>	<u>1937</u>	<u>1948</u>	<u>1949</u>	<u>1950</u>	<u>1951</u>	<u>1952</u>	<u>1953</u>	<u>1954</u>	<u>1955</u>
Albania	900	1040	1176	1185	1200	1240	1270	1290	1310	1259
Bulgaria	5900	6500	7100	7175	7240	7310	7423	7537	7652	7543
Czechoslovakia	13775	14466	12120	12260	12332	12400	12510	12640	12760	12880
East Germany	n.a.*	16500	19100	18900	18800	18600	18500	18300	18200	18100
Hungary	8510	9100	9130	9200	9220	9300	9380	9450	9580	9638
Poland	30696	34377	23850	24300	24543	25250	25770	26300	26800	26945
Rumania	13850	15512	15872	16168	16177	16503	16703	16907	17117	16970
Total	n.a.	97495	88348	89188	89512	90603	91556	92424	93419	93335

* n.a. = not available.

Of a total 93 million persons almost 30 percent were in Poland and nearly 20 percent in East Germany. The other five Satellites accounted for slightly over 50 percent of the total Satellite population.

It is estimated that should present trends continue the European Satellites will reach their prewar population level sometime between 1956 and 1960. The relative distribution between the Satellites will remain unchanged, it is believed.

The Satellites have a common pattern of population development. It is primarily a pattern in which the young and old groups of the population will increase while the middle age group will increase much more slowly.

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The labor force for all the Satellite countries was about 43 million persons in 1953, having increased by 2 percent over the previous year. A 4.3 percent increase is expected between 1953 and 1956, bringing the labor force total to almost 45 million. Increases in the labor force for individual Satellites range between 1.8 percent for Bulgaria to 6.3 percent for Czechoslovakia between 1953 and 1956.

II. Civilian Labor Force of European Satellites, 1948-1954
(In 1,000 persons)

	<u>1948</u>	<u>1949</u>	<u>1950</u>	<u>1951</u>	<u>1952</u>	<u>1953</u>	<u>1954</u>
Albania	537	546	554	565	573	582	590
Bulgaria	3495	3512	3503	3479	3457	3459	3492
Czechoslovakia	5245	5290	5310	5401	5475	5575	5725
East Germany	6550	6725	7100	7325	7575	7675	7850
Hungary	3625	3785	3955	4075	4150	4250	4260
Poland	10900	11230	11895	12245	12745	13000	13260
Rumania	7300	7535	7865	8125	8275	8518	8543
Total	<u>37652</u>	<u>38623</u>	<u>40182</u>	<u>41215</u>	<u>42250</u>	<u>43059</u>	<u>43720</u>

Without exception, agricultural labor has been shifting to non-agricultural pursuits in the European Satellites since 1948. The indexes for agricultural labor show fairly constant declines; in Poland and Rumania the shifts from agriculture to nonagricultural pursuits have been slower and smaller in magnitude than elsewhere. On the other hand, indexes of accruals to the nonagricultural labor force since 1948 show much greater increases for each of the Satellites. Albania, Bulgaria, Poland, and Rumania continue to have a greater percentage of the total labor force in agriculture. Czechoslovakia, Hungary, and East Germany, on the other hand, have labor forces composed for the most part of nonagricultural workers. However, in the European Satellite area as a whole, progressive urbanization and industrialization will result in an upward long range trend in the ratio of nonagricultural to agricultural labor and a decline in agriculture's share in the gross national product.

B. Agricultural Production in the European Satellites.

In the case of no single Satellite has total agricultural production reached prewar levels according to indexes of total agricultural output using 1948 as the base year. However, production trends

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since 1948 with the exception of Rumania and Hungary have been generally upward. It should be emphasized, however, that of the two major categories of crops, food and industrial, the latter have been produced in considerably greater quantities than was done before World War II. Except in Czechoslovakia and East Germany, indexes of the production of industrial crops show that they have increased more rapidly than food crops since 1948.

On balance, the livestock population situation in the European Satellites was almost as favorable in 1954 as in prewar years.

With the exception of Poland, there have been no large net accruals or significant expansion of arable land within the European Satellites area.

III. Net Value of Agricultural Output* in European Satellites,**
1938-1954***
(In millions of 1951 US dollars)

	<u>1938</u>	<u>1948</u>	<u>1949</u>	<u>1950</u>	<u>1951</u>	<u>1952</u>	<u>1953</u>	<u>1954</u>
Bulgaria	532.1	527.4	475.6	489.8	494.5	466.2	470.9	499.2
Czechoslovakia	1686.9	1124.6	1240.0	1355.3	1355.3	1470.6	1441.8	1413.0
East Germany****(1)	2627.9	1386.5	1471.6	1765.9	2081.3	2081.3	2102.3	2102.3
East Germany****(2)	2550.0	1600.0	1800.0	2000.0	2200.0	2300.0	2300.0	2300.0
Hungary	899.2	537.2	607.3	613.1	648.1	607.3	583.9	572.2
Poland	5008.5	2862.0	3299.3	4094.3	3816.0	3617.3	3975.0	4054.5
Rumania	1139.8	854.9	804.6	796.2	888.4	762.7	838.1	829.7
Total**** (1)	<u>11894.4</u>	<u>7272.6</u>	<u>7898.4</u>	<u>9114.6</u>	<u>9283.6</u>	<u>9005.4</u>	<u>9412.0</u>	<u>9470.9</u>
Total**** (2)	<u>11816.5</u>	<u>7506.1</u>	<u>8226.8</u>	<u>9348.7</u>	<u>9404.0</u>	<u>9224.1</u>	<u>9609.7</u>	<u>9668.6</u>

* Including depreciation.

** Distribution of dollar values for all countries is based on 1950 weights except for series (2) for East Germany which is based on 1938 weights.

*** Excluding Albania.

**** These alternative estimates are based on alternative indexes (1) and (2), respectively, in Table 18.

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~~SECRET~~C. Industrial Production.

The sub-division of the industrial sector of the Satellite countries into industry groups (sub-sectors) reveals clearly the system of priorities established under Communism. First priorities go to machinery and equipment. With the production of machinery and equipment as a primary goal, it follows that supporting priorities would go to chemicals, building materials metals and energy. Consequently, light and textile industries, food processing and forestry products are relatively neglected industry groups. The indexes of the production of industrial commodities show clear evidence of these trends.

IV. Net Value of Industrial Output* in European Satellites,**
1938-1954***
(In millions of 1951 US dollars)

	<u>1938</u>	<u>1948</u>	<u>1949</u>	<u>1950</u>	<u>1951</u>	<u>1952</u>	<u>1953</u>	<u>1954</u>
Bulgaria	182.3	193.5	212.1	256.7	294.0	342.3	372.1	405.6
Czechoslovakia	2424.9	2765.2	3063.0	3190.7	3318.3	3701.2	4254.2	4424.4
East Germany****(1)	7676.0	2812.0	3344.0	4864.0	5928.0	6916.0	7600.0	8360.0
East Germany****(2)	8100.0	3700.0	4700.0	6100.0	7200.0	7900.0	8600.0	9000.0
Hungary	820.9	729.6	866.5	1018.5	1231.3	1413.7	1520.1	1565.7
Poland	3339.0	2862.0	3458.3	3994.9	4471.9	4948.9	5962.5	6618.4
Rumania	624.8	495.9	605.0	714.1	813.3	892.6	991.8	1061.2
Total**** (1)	<u>15067.9</u>	<u>9858.2</u>	<u>11548.7</u>	<u>14038.9</u>	<u>16056.8</u>	<u>18214.7</u>	<u>20700.7</u>	<u>22435.3</u>
Total**** (2)	<u>15491.9</u>	<u>10746.2</u>	<u>12904.9</u>	<u>15274.9</u>	<u>17328.8</u>	<u>19198.7</u>	<u>21700.7</u>	<u>23075.3</u>

* Including depreciation.

** Distribution of dollar values for all countries is based on 1950 weights, except for series (2) for East Germany which is based on 1938 weights.

*** Excluding Albania.

**** These alternative estimates are based on alternative indexes (1) and (2), respectively, in Table 25.

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From 1948 to 1954, industrial indexes moved upward steadily and rapidly, averaging 20.2 percent for all Satellites per year. By 1954, Bulgaria had increased industrial production 110 percent; Czechoslovakia, 60 percent; East Germany, 142 percent; Hungary, 115 percent; Poland, 131 percent; and Rumania, 114 percent.

While in general these increases reflect a gain of over 60 percent from the peak of the prewar period (1938), examination of the industrial indexes (Tables 22 through 28) reveals clearly the emphasis placed on the build-up of heavy industry at the expense of development of light industry. This, in part, accounts for some of the impressive gains noted.

D. Transportation and Communication.

Between 1948 and 1954 the index for total freight turnover increased for all Satellites by approximately 128 percent, considerably exceeding, in all cases, prewar achievements in the field of freight handling. As a supporting index of the rate of growth of industrialization in the European Satellites, this achievement is significant.

Communications, on the other hand, did not show such large increases over 1948, although, except for East Germany and Poland, 1954 production indexes were much higher than prewar.

V. Net Value of Transportation and Communication* in
European Satellites, 1938-1954**
(In millions of 1951 US dollars)

	<u>1938</u>	<u>1948</u>	<u>1949</u>	<u>1950</u>	<u>1951</u>	<u>1952</u>	<u>1953</u>	<u>1954</u>
Bulgaria	27.9	41.2	45.7	50.1	54.6	59.0	63.4	67.9
Czechoslovakia	348.4	480.1	542.0	596.2	604.0	720.1	774.3	813.0
East Germany	940.0	540.0	670.0	690.0	800.0	880.0	1000.0	1060.0
Hungary	81.4	60.6	66.5	74.8	83.4	91.4	99.3	99.3
Poland	600.4	559.7	661.4	753.0	844.6	905.7	1017.6	1099.0
Rumania	131.3	112.2	118.6	135.5	182.1	190.5	211.7	224.4
Total	<u>2129.4</u>	<u>1793.8</u>	<u>2104.2</u>	<u>2299.6</u>	<u>2568.7</u>	<u>2846.7</u>	<u>3166.3</u>	<u>3363.6</u>

* Including depreciation.

** Excluding Albania.

As industry-related services, it may be expected that transportation and communication indexes will continue to rise along with indexes of industrial production.

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STATISTICAL APPENDIX

Table 1

Population of Albania^{a/}
(in thousands)

	<u>0-14</u>	<u>15-19</u>	<u>20-29</u>	<u>30-59</u>	<u>60 and over</u>	<u>Total</u>
Males ^{b/}						
1950	209	67	102	164	43	585
1955	215	68	117	188	39	627
Females ^{b/}						
1950	205	66	102	167	51	591
1955	210	67	116	192	47	632
Total						
1928	n.a.	n.a.	n.a.	n.a.	n.a.	900
1937	n.a.	n.a.	n.a.	n.a.	n.a.	1,040
1948	n.a.	n.a.	n.a.	n.a.	n.a.	1,176
1949	n.a.	n.a.	n.a.	n.a.	n.a.	1,185
1950	414	133	204	331	94	1,200
1951	n.a.	n.a.	n.a.	n.a.	n.a.	1,240
1952	n.a.	n.a.	n.a.	n.a.	n.a.	1,270
1953	n.a.	n.a.	n.a.	n.a.	n.a.	1,290
1954	n.a.	n.a.	n.a.	n.a.	n.a.	1,310
1955	425	135	233	380	86	1,259

n.a. = not available

a. Mid-year estimates; projections were made on the basis of the lowest of three alternative estimates derived by the Foreign Populations' Unit of the US Census.

b. Breakdown available only for the years listed.

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Table 2
Population of Bulgaria^{a/}
(in thousands)

	<u>0-14</u>	<u>15-59</u>	<u>20-29</u>	<u>30-59</u>	<u>60 and over</u>	<u>Total</u>
Males ^{b/}						
1934 ^{c/}	1,101	225	561	928	238	3,054
1950	982	342	698	1,280	326	3,628
1955	1,042	297	680	1,419	343	3,781
Females ^{b/}						
1934 ^{c/}	1,058	218	548	964	236	3,024
1950	947	329	673	1,289	374	3,612
1955	1,008	286	654	1,410	404	3,762
Total						
1928	n.a.	n.a.	n.a.	n.a.	n.a.	5,900
1934 ^{c/}	2,159	443	1,109	1,893	474	6,078
1937	n.a.	n.a.	n.a.	n.a.	n.a.	6,500
1948	n.a.	n.a.	n.a.	n.a.	n.a.	7,100
1949	n.a.	n.a.	n.a.	n.a.	n.a.	7,175
1950	1,929	671	1,371	2,569	700	7,240
1951	n.a.	n.a.	n.a.	n.a.	n.a.	7,310
1952	n.a.	n.a.	n.a.	n.a.	n.a.	7,423
1953	n.a.	n.a.	n.a.	n.a.	n.a.	7,537
1954	n.a.	n.a.	n.a.	n.a.	n.a.	7,652
1955	2,050	583	1,334	2,829	747	7,543

n.a. = not available

- a. Mid-year estimates; projections were made on the basis of the lowest of three alternative estimates derived by the Foreign Populations' Unit of the US Census.
- b. Breakdown available only for the years listed.
- c. December 31, 1954; prewar boundaries.

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Table 3

Population of Czechoslovakia^{a/}
(in thousands)

	<u>0-14</u>	<u>15-59</u>	<u>20-29</u>	<u>30-59</u>	<u>60 and over</u>	<u>Total</u>
Males ^{b/}						
1930	1,821	651	1,342	2,309	664	6,788
1950	1,588	469	968	2,348	632	6,005
1955	1,755	447	961	2,444	679	6,286
Females ^{b/}						
1930	1,781	647	1,345	2,632	808	7,216
1950	1,532	460	989	2,529	817	6,327
1955	1,684	436	963	2,615	896	6,594
Total						
1928	n.a.	n.a.	n.a.	n.a.	n.a.	13,775
1930	3,602	1,298	2,689	4,942	1,472	14,004
1937	n.a.	n.a.	n.a.	n.a.	n.a.	14,466
1948	n.a.	n.a.	n.a.	n.a.	n.a.	12,120
1949	n.a.	n.a.	n.a.	n.a.	n.a.	12,260
1950	3,120	929	1,957	4,877	1,449	12,332
1951	n.a.	n.a.	n.a.	n.a.	n.a.	12,400
1952	n.a.	n.a.	n.a.	n.a.	n.a.	12,510
1953	n.a.	n.a.	n.a.	n.a.	n.a.	12,640
1954	n.a.	n.a.	n.a.	n.a.	n.a.	12,760
1955	3,439	883	1,924	5,059	1,575	12,880

n.a. = not available

- a. Mid-year estimates; projections were made on the basis of the lowest of three alternative estimates derived by the Foreign Populations' Unit of the US Census.
- b. Breakdown available only for the years listed.

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Table 4

Population of East Germany^{a/}
(in thousands)

	<u>0-14</u>	<u>15-19</u>	<u>20-29</u>	<u>30-59</u>	<u>60 and over</u>	<u>Total</u>
<u>Males</u> ^{b/}						
1950	2,110	699	1,106	3,171	1,271	8,357
1955	1,855	819	1,165	2,980	1,276	8,095
<u>Females</u> ^{b/}						
1950	2,036	693	1,451	4,526	1,727	10,433
1955	1,786	799	1,309	4,296	1,815	10,005
<u>Total</u>						
1937	n.a.	n.a.	n.a.	n.a.	n.a.	16,300
1948	n.a.	n.a.	n.a.	n.a.	n.a.	19,100
1949	n.a.	n.a.	n.a.	n.a.	n.a.	18,900
1950	4,146	1,392	2,557	7,697	2,998	18,790
1951	n.a.	n.a.	n.a.	n.a.	n.a.	18,600
1952	n.a.	n.a.	n.a.	n.a.	n.a.	18,500
1953	n.a.	n.a.	n.a.	n.a.	n.a.	18,100
1954	n.a.	n.a.	n.a.	n.a.	n.a.	18,200
1955	3,641	1,618	2,474	7,276	3,091	18,100

n.a. - not available

a. Mid-year estimates; projections were made on the basis of the lowest of three alternative estimates derived by the Foreign Populations' Unit of the US Census.

b. Breakdown available only for the years listed.

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Table 5
Population of Hungary^{a/}
(in thousands)

	<u>0-14</u>	<u>15-19</u>	<u>20-29</u>	<u>30-59</u>	<u>60 and over</u>	<u>Total</u>
<u>Males^{b/}</u>						
1950	1,149	379	696	2,039	503	4,766
1955	1,211	357	756	1,776	548	4,648
<u>Females^{b/}</u>						
1950	1,123	379	809	1,876	627	4,814
1955	1,170	356	771	1,996	697	4,990
<u>Total</u>						
1928	n.a.	n.a.	n.a.	n.a.	n.a.	8,510
1937	n.a.	n.a.	n.a.	n.a.	n.a.	9,100
1948	n.a.	n.a.	n.a.	n.a.	n.a.	9,130
1949	n.a.	n.a.	n.a.	n.a.	n.a.	9,200
1950	2,272	758	1,505	3,915	1,130	9,220
1951	n.a.	n.a.	n.a.	n.a.	n.a.	9,300
1952	n.a.	n.a.	n.a.	n.a.	n.a.	9,380
1953	n.a.	n.a.	n.a.	n.a.	n.a.	9,450
1954	n.a.	n.a.	n.a.	n.a.	n.a.	9,580
1955	2,381	713	1,527	3,772	1,245	9,636

n.a. = not available

- a. Mid-year estimates; projections were made on the basis of the lowest of three alternative estimates derived by the Foreign Populations; Unit of the US Census.
- b. Breakdown available only for the years listed.

Table 6

Population of Poland^{a/}
(in thousands)

	<u>0-14</u>	<u>15-19</u>	<u>20-29</u>	<u>30-50</u>	<u>60 and over</u>	<u>Total</u>
<u>Males^{b/}</u>						
1931 ^{c/}	5,430	1,474	2,931	4,443	1,343	15,619
1950	3,548	1,229	2,068	4,021	823	11,689
1955	4,096	1,141	2,296	4,431	939	12,903
<u>Females^{b/}</u>						
1931 ^{c/}	5,296	1,562	3,213	5,053	1,364	16,488
1950	3,427	1,202	2,390	4,670	1,165	12,854
1955	3,959	1,104	2,438	5,176	1,365	14,042
<u>Total</u>						
1928 ^{c/}	n.a.	n.a.	n.a.	n.a.	n.a.	30,696
1931 ^{c/}	10,726	3,036	6,144	9,494	2,707	32,107
1937	n.a.	n.a.	n.a.	n.a.	n.a.	34,377
1948	n.a.	n.a.	n.a.	n.a.	n.a.	23,850
1949	n.a.	n.a.	n.a.	n.a.	n.a.	24,300
1950	6,975	2,431	4,458	8,691	1,988	24,543
1951	n.a.	n.a.	n.a.	n.a.	n.a.	25,250
1952	n.a.	n.a.	n.a.	n.a.	n.a.	25,770
1953	n.a.	n.a.	n.a.	n.a.	n.a.	26,300
1954	n.a.	n.a.	n.a.	n.a.	n.a.	26,800
1955	8,055	2,245	4,734	9,607	2,304	26,945

n.a. = not available

a. Mid-year estimates; projections were made on the basis of the lowest of three alternative estimates derived by the Foreign Populations' Unit of the US Census.

b. Breakdown available only for years listed.

c. Census of December 9, 1931; prewar boundaries.

Table 7

Population of Rumania^{a/}
(in thousands)

	<u>0-14</u>	<u>15-19</u>	<u>20-29</u>	<u>30-59</u>	<u>60 and over</u>	<u>Total</u>
Males^{b/}						
1948	2,352	4,755	4,755	4,755	564	7,671
1950	2,344	796	1,296	2,722	641	7,799
1955	2,384	812	1,522	2,766	721	8,205
Females^{b/}						
1948	2,236	5,235	5,235	5,235	730	8,201
1950	2,291	777	1,390	3,097	823	8,378
1955	2,333	792	1,535	3,169	936	8,765
Total						
1928	n.a.	n.a.	n.a.	n.a.	n.a.	13,850
1937	n.a.	n.a.	n.a.	n.a.	n.a.	15,512
1948	4,588	9,990	9,990	9,990	1,294	15,872
1949	n.a.	n.a.	n.a.	n.a.	n.a.	16,168
1950	4,635	1,573	2,686	5,819	1,464	16,177
1951	n.a.	n.a.	n.a.	n.a.	n.a.	16,503
1952	n.a.	n.a.	n.a.	n.a.	n.a.	16,703
1953	n.a.	n.a.	n.a.	n.a.	n.a.	16,907
1954	n.a.	n.a.	n.a.	n.a.	n.a.	17,117
1955	4,717	1,604	3,057	5,935	n.a.	16,970

n.a. = not available

a. Mid-year estimates; projections were made on the basis of the lowest of three alternative estimates derived by the Foreign Populations; Unit of the US Census.

b. Breakdown available only for years listed.

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Table 8

Civilian Labor Force: Albania

	<u>1938^a/</u>	<u>1948</u>	<u>1949</u>	<u>1950</u>	<u>1951</u>	<u>1952</u>	<u>1953</u>	<u>1954</u>
A. <u>Thousand Persons</u>								
Agriculture		479	473	465	461	456	452	448
Non-Agriculture		<u>58</u>	<u>73</u>	<u>89</u>	<u>104</u>	<u>117</u>	<u>130</u>	<u>142</u>
Total		537	546	554	565	573	582	590
B. <u>Percent</u>								
Agriculture		89	87	84	82	80	78	76
Non-Agriculture		11	13	16	18	20	22	24
C. <u>Index (1948=100)</u>								
Agriculture		100	99	97	96	95	94	94
Non-Agriculture		100	126	153	179	201	224	244

a. 1938 breakdown not available.

Table 9

Civilian Labor Force: Bulgaria

	<u>1938</u>	<u>1948</u>	<u>1949</u>	<u>1950</u>	<u>1951</u>	<u>1952</u>	<u>1953</u>	<u>1954</u>
A. <u>Thousands Persons</u>								
Agriculture		2,700	2,675	2,625	2,572	2,525	2,500	2,500
Non-Agriculture		<u>795</u>	<u>837</u>	<u>878</u>	<u>904</u>	<u>932</u>	<u>959</u>	<u>992</u>
Total		3,495	3,512	3,503	3,479	3,457	3,459	3,492
B. <u>Percent</u>								
Agriculture		77	76	75	74	73	72	72
Non-Agriculture		23	24	25	26	27	28	28
C. <u>Index (1948=100)</u>								
Agriculture		100	99	97	95	94	93	93
Non-Agriculture		100	105	110	114	117	121	125

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Table 10

Civilian Labor Force: Czechoslovakia

	<u>1938</u>	<u>1948</u>	<u>1949</u>	<u>1950</u>	<u>1951</u>	<u>1952</u>	<u>1953</u>	<u>1954</u>
A. <u>Thousand Persons</u>								
Agriculture		2,200	2,160	2,080	2,025	1,975	1,950	1,990
Non-Agriculture		<u>3,045</u>	<u>3,130</u>	<u>3,230</u>	<u>3,376</u>	<u>3,500</u>	<u>3,625</u>	<u>3,735</u>
Total		5,245	5,290	5,310	5,401	5,475	5,575	5,725
B. <u>Percent</u>								
Agriculture		42	41	39	37	36	35	35
Non-Agriculture		58	59	61	63	64	65	65
C. <u>Index (1948=100)</u>								
Agriculture		100	98	95	92	90	89	90
Non-Agriculture		100	103	106	111	116	119	123

Table 11

Civilian Labor Force: East Germany

	<u>1938</u>	<u>1948</u>	<u>1949</u>	<u>1950</u>	<u>1951</u>	<u>1952</u>	<u>1953</u>	<u>1954</u>
A. <u>Thousand Persons</u>								
Agriculture		2,200	2,175	2,125	2,100	2,100	2,100	2,100
Non-Agriculture		<u>4,350</u>	<u>4,550</u>	<u>4,975</u>	<u>5,225</u>	<u>5,475</u>	<u>5,575</u>	<u>5,750</u>
Total		6,550	6,725	7,100	7,325	7,575	7,675	7,850
B. <u>Percent</u>								
Agriculture		34	32	30	29	28	27	27
Non-Agriculture		66	68	70	71	72	73	74
C. <u>Index (1948=100)</u>								
Agriculture		100	99	97	95	95	95	95
Non-Agriculture		100	105	114	121	127	129	132

Table 12

Civilian Labor Force: Hungary

	<u>1938</u>	<u>1948</u>	<u>1949</u>	<u>1950</u>	<u>1951</u>	<u>1952</u>	<u>1953</u>	<u>1954</u>
A. <u>Thousand Persons</u>								
Agriculture		2,025	1,975	1,925	1,875	1,850	1,850	1,825
Non-Agriculture		<u>1,600</u>	<u>1,810</u>	<u>2,030</u>	<u>2,200</u>	<u>2,300</u>	<u>2,400</u>	<u>2,435</u>
Total		3,625	3,785	3,955	4,075	4,150	4,250	4,260
B. <u>Percent</u>								
Agriculture		55.9	52.2	48.7	46	44.6	43.5	42.8
Non-Agriculture		44.1	47.8	51.3	54	55.4	56.5	57.2
C. <u>Index (1948=100)</u>								
Agriculture		100	98	95	93	91	91	90
Non-Agriculture		100	113	127	137	144	150	152

Table 13

Civilian Labor Force: Poland

	<u>1938</u>	<u>1948</u>	<u>1949</u>	<u>1950</u>	<u>1951</u>	<u>1952</u>	<u>1953</u>	<u>1954</u>
A. <u>Thousand Persons</u>								
Agriculture		7,400	7,375	7,350	7,325	7,275	7,250	7,225
Non-Agriculture		<u>3,500</u>	<u>3,855</u>	<u>4,545</u>	<u>4,920</u>	<u>5,470</u>	<u>5,750</u>	<u>6,035</u>
Total		10,900	11,230	11,895	12,245	12,745	13,000	13,260
B. <u>Percent</u>								
Agriculture		67.9	65.7	61.8	59.8	57.1	55.8	54.4
Non-Agriculture		32.1	34.3	38.2	40.2	42.9	44.2	45.6
C. <u>Index (1948=100)</u>								
Agriculture		100	99	99	99	98	98	97
Non-Agriculture		100	111	130	140	156	165	173

Table 14

Civilian Labor Force: Rumania

	<u>1938</u>	<u>1948</u>	<u>1949</u>	<u>1950</u>	<u>1951</u>	<u>1952</u>	<u>1953</u>	<u>1954</u>
A. <u>Thousand Persons</u>								
Agriculture		6,000	5,975	5,925	5,875	5,825	5,775	5,725
Non-Agriculture		<u>1,300</u>	<u>1,560</u>	<u>1,940</u>	<u>2,250</u>	<u>2,450</u>	<u>2,743</u>	<u>2,818</u>
Total		7,300	7,535	7,865	8,125	8,275	8,518	8,543
B. <u>Percent</u>								
Agriculture		82	79.2	75.3	72.3	70.4	67.8	67.0
Non-Agriculture		18	20.8	24.7	27.7	29.6	32.2	33
C. <u>Index (1948=100)</u>								
Agriculture		100	100	99	98	97	97	96
Non-Agriculture		100	114	143	166	180	202	207

Table 15

Agricultural Production: Albania

	<u>1933-1937</u>	<u>1935-1939</u>	<u>1938</u>	<u>1948</u>	<u>1949</u>	<u>1950</u>	<u>1951</u>	<u>1952</u>	<u>1953</u>	<u>1954</u>
<u>A. Physical Units</u>										
<u>Arable Land</u> <u>(mil hect.)</u>			0.2	0.3	0.3	0.3	0.3	0.3	0.4	0.4
<u>Crops (thous.MT)</u>										
Wheat	41	37.9	68	65	62	89	71	103	112	
Rye	3	3	4	3	3	4	3	3	4	
Corn	129	143	145	138	127	160	95	125	120	
Rice	1	1	1	1	1	3	3	4	7	
Potatoes		2.0	4.6	4.1	4.1	4.1	2.5	3.6	3.6	
Cotton (ginned)		0	neg	0.2	2.3	2.8	2.0	3.1	3.8	
Wool (grease)		2.0	2.2	2.2	2.2	2.3	2.4	2.5	2.6	
<u>Livestock (thous. head)</u>										
Cattle		413	400	409	392	388	392	390	399	
Hogs		15	26	22	30	47	55	44	65	
Sheep-goats		2,506	2,900	2,577	2,439	2,537	2,484	2,484	2,708	
Horses		54	53	50	51	52	52	52	53	
<u>B. Indexes 1948=100</u>										
<u>Total Agricultural Output</u>		119	100	99	99	113	146	147	160	
<u>Food Crops</u>		121	100	97	92	103	111	137	151	
<u>Industrial Crops</u>		90	100	105	168	225	195	224	263	

Table 16

Agricultural Production: Bulgaria

	<u>1953-1937</u>	<u>1934-1938</u>	<u>1935-1939</u>	<u>1938</u>	<u>1948</u>	<u>1949</u>	<u>1950</u>	<u>1951</u>	<u>1952</u>	<u>1953</u>	<u>1954</u>	<u>1954</u>
<u>A. Physical Units</u>												
Arable Land (mill. hect.)										4.3		
<u>Crops (thous. MT)</u>												
Wheat			1,880	283	2,041	1,900	1,900	2,070	1,755	1,905	2,000	
Rye					254	254	254	264	238	252	264	
Corn			906		889	800	566	880	440	744	808	
Rice			21		21	22	19	27	23	24	25	
Potatoes					103.4	95.2	81.6	103.4	62.0	90.0	85.0	
Cotton (ginned)					6.5	7.5	8.1	12.5	10.0	14.0	18.5	
Wool (grease)		7.0		13.3	12.4	12.8	13.2	13.3	13.4	13.5	13.6	
<u>Livestock (thous. head)</u>												
Cattle				1,822	1,598	1,754	1,750	1,500	1,575	1,508	1,568	
Hogs			833		825	1,073	1,320	1,500	1,445	1,390	1,335	
Sheep-goats			9,558		9,801	9,942	9,674	9,305	9,125	8,868	8,600	
Horses			532		508	549	531	513	495	477	460	
<u>B. Indexes (1948 = 100)</u>												
Total Agricultural Output				101	100	90	93	94	88	89	95	
Food Crops				118	100	90	93	93	88	88	93	
Industrial Crops				80	100	96	95	111	102	119	129	

Table 17

Agricultural Production: Czechoslovakia

	<u>1933-1937</u>	<u>1938</u>	<u>1948</u>	<u>1949</u>	<u>1950</u>	<u>1951</u>	<u>1952</u>	<u>1953</u>	<u>1954</u>
A. <u>Physical Units</u>									
Arable Land (mill. hect.) a/								5.5	
Crops (thous. MT)									
Wheat b/	1,550		1,415	1,551	1,415	1,480	1,416	1,521	1,295
Rye b/	1,577		1,110	1,295	1,168	1,190	1,131	1,187	1,071
Corn b/		NA	NA	NA	NA	NA	NA	NA	NA
Rice		0	0	0	0	0	0	0	0
Potatoes b/	9,700		6,578	6,386	7,480	6,528	4,506	5,069	5,100
Cotton (ginned)		0	0	0	0	0	0	0	0
Wool (grease)		1.1	0.8	1.0	1.2	1.2	1.5	1.5	2.0
Livestock (thous. head)									
Cattle		4,376	3,276c/	3,661	4,140	4,213	4,213	4,213c/	3,996
Hogs	3,248		2,566c/	3,239	4,135	3,800	4,200	4,640c/	4,196
Sheep-goats	1,480		1,308	1,440	1,480	1,543	1,696	1,700	1,892
Horses		687	630	640	640	630	630	620	620
B. <u>Indexes (1948 = 100)</u>									
<u>Total Agricultural Output d/</u>		150	100	110	121	121	131	128	126
<u>Food Crops</u>		153	100	100	119	119	132	128	126
<u>Industrial Crops</u>		98	100	100	122	115	100	112	117

Footnotes to Table 17

- a. According to official Czech data -- Reports of State Statistical Office, Vol. 30, No. 1-3, 1949 -- the area of arable land amounted to 5.3 million hectares in 1948; on the basis of official admissions of a decline in the total arable area as figure of 5.1 million hectares is suggested as an alternative estimate.
- b. Official Czechoslovak statistics* and annual progress reports in percentage terms suggest the following alternate estimates:

	<u>1948</u>	<u>1952</u>	<u>1953</u>	<u>1954</u>
Wheat	1,397	1,550	1,500	1,450
Rye	1,127	1,130	1,050	980
Corn	251	240	250	260
Potatoes	6,505	NA	NA	NA

- c. Alternate estimates based on Czech sources** are: 1948-2,671,000 head of cattle and 3,446,000 hogs 1953-3,566,000 head of cattle and 3,790,000 hogs.
- d. See Part I, Table 7 footnote for indexes of total agricultural output.

* Source: Statisticky Zpravodaj, Vol. 12, No. 1, 1949, p.18.

** Source: 1948--The Czechoslovak Economic Five-Year Plan, Czechoslovak Ministry of Information and Public Culture, Orbis, Prague, 1949, p. 112; and Rude Pravo, Jan. 23, 1954.

Table 18

Agricultural Production: East Germany

	<u>1933-37</u>	<u>1935-39</u>	<u>1936</u>	<u>1938</u>	<u>1948</u>	<u>1949</u>	<u>1950</u>	<u>1951</u>	<u>1952</u>	<u>1953</u>	<u>1954</u>
A. Physical Units											
Arable Land (mil. hect.)				5.1						5.1	
Crops (thous. MT)											
Wheat		1,589			1,150	1,350	1,374	1,157	1,053	880	848
Rye		2,134			1,875	2,200	2,159	2,466	2,223	1,944	1,835
Corn				NA	NA	NA	NA	NA	NA	NA	NA
Rice					0	0	0	0	0	0	0
Potatoes					6,578	6,386	7,480	11,152	10,162	10,400	11,700
Cotton (ginned)				0	0	0	0	0	0	0	0
Wool (grease)				6.2	3.0	3.0	2.9	3.3	3.7	4.1	4.5
Livestock (thous. head)											
Cattle				3,577	2,783	2,879	3,310	3,615	3,801	3,877	3,796
Hogs					2,074	2,617	3,311	5,460	6,556	8,283	6,860
Sheep-goats			2,235		1,758	2,121	2,208	2,698	2,813	2,747	2,679
Horses			810		650	665	694	718	743	750	731
B. Indexes (1948 = 100)											
(1) Total Agricultural Output				192	100	108	129	152	152	154	154
Food Crops				200	100	111	130	156	160	159	157
Industrial Crops				127	100	88	124	126	94	112	129
(2) Value of Agricultural Output a/				167	100	115	130	142	150	150	150

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Footnotes to Table 18

a. An independent alternative estimate based largely on West German sources, results in this slightly different agricultural output index:

	<u>1935-1939</u>	<u>1938</u>	<u>1948</u>	<u>1949</u>	<u>1950</u>	<u>1951</u>	<u>1952</u>	<u>1953</u>	<u>1954</u>
Grain	6,800		4,400	4,600	5,300	5,800	5,600	5,300	5,000
Potatoes	14,400		12,400	9,900	13,000	12,000	11,500	10,500	11,600
Sugar Beets	6,100		4,600	3,900	5,500	5,400	5,000	5,200	5,300

Table 19

Agricultural Production: Hungary

	<u>1933-1937</u>	<u>1938</u>	<u>1948</u>	<u>1949</u>	<u>1950</u>	<u>1951</u>	<u>1952</u>	<u>1953</u>	<u>1954</u>
A. <u>Physical Units</u>									
Arable Land (mil. hect.)								5.8	
Crops (thous. MT)									
Wheat	2,482		1,715	1,905	2,041	2,522	1,764	1,862	1,452
Rye	746		635	635	660	750	567	569	444
Corn	2,337		2,667	2,667	1,905	2,424	1,215	1,768	1,793
Rice		0	36	30	35	40	37	37	40 a/
Potatoes	2,135		2,067.7	1,904.0	1,224.0	2,020.0	981.8	1,445.0	1,548.0
Cotton (ginned)		0	0	.03	.97	2.4	0.8	2.5	2.5
Wool (grease)		6.2	2.0	2.2	2.2	2.8	3.3	3.3	3.3
Livestock (thous. head)									
Cattle		1,882	1,675	1,700	1,800	1,750	1,900	1,800	1,750
Hogs	3,070		2,350	3,250	3,700	3,500	3,800	3,450b/	3,400b/
Sheep-goats		1,868	679	738	853	815	1,075	1,075	1,088
Horses		516	516	569	600	580	620	620	620
B. <u>Indexes (1948 = 100)</u>									
<u>Total Agricultural Output c/</u>		167	100	113	114	121	113	109	107
<u>Food Crops</u>		174	100	114	115	122	114	109	107
<u>Industrial Crops</u>		73	100	107	108	112	98	118	118

a. Based on the 1954 Plan Fulfilment Report which stated that output of rice in that year was "hardly as high as in 1953" a figure of 36 may be presented as an alternate estimate.

b. Alternate estimates based on official data as cited in the ECE report for 1954, are: 1953-5,700 and 1954-6,800.

c. See Part I, Tables 10,11 footnote for alternate estimates of over-all agricultural output series.

Table 20

Agricultural Production: Poland

	<u>1933-1937</u>	<u>1935-1939</u>	<u>1938</u>	<u>1948</u>	<u>1949</u>	<u>1950</u>	<u>1951</u>	<u>1952</u>	<u>1953</u>	<u>1954</u>
A. <u>Physical Units</u>										
<u>Arable Land (mil. hect)</u>									16.8	
<u>Crops (thous. MT)</u>										
Wheat		2,014		1,497	1,633 ^a / ₁	1,715 ^a / ₁	1,850	1,681	1,664	1,939
Rye		2,214		6,300	6,350 ^a / ₁	6,274	6,080	5,730	5,279	5,932
Corn			NA	NA	NA	NA	NA	NA	NA	NA
Rice			0	0	0	0	0	0	0	0
Potatoes		38,000		26,761.3	30,892	36,802	27,200	23,660	30,375	30,325
Cotton (ginned)			0	0	0	0	0	0	0	0
Wool (grease)			3.1	2.2	2.2	2.2	2.7	3.2	3.7	4.6
<u>Livestock (thous. head)</u>										
Cattle			9,924	5,748	6,365	7,202 ^b / ₁	6,500	7,255	7,385	7,680
Hogs			9,684	5,100	6,122	8,125	7,320	8,584	9,730	9,730
Sheep-goats			2,728	2,006	2,250	2,500	2,800	3,520	3,980	4,812
Horses			3,149	2,297	2,541	2,800	2,780	2,863	2,720	2,720
B. <u>Indexes (1948 = 100)</u>										
<u>Total Agricultural Output</u>			175	100	115	143	133	126	139	142
<u>Food Crops</u>			176	100	115	144	135	128	139	142
<u>Industrial Crops</u>			130	100	115	139	121	116	149	145

a. An official Polish source--The Plan Fulfillment Communiqué for 1949, published in Wiadomosci Statystyczne No. 1, 1950--gives output in 1949 as follows: wheat, 1.8 million metric tons and rye, 6.8 million metric tons; The Plan Fulfillment Communiqué for 1950--Wiadomosci Statystyczne No. 1, 1951--gives production of wheat in 1950 as 101 percent of that in 1949, which would place it at 1.82 million metric tons.

b. On the basis of the official Plan Fulfillment Communiqués cited in footnote a/ above, which stated that the increase in the number of cattle in 1949 amounted to 11 percent over that in 1948 and the increase in 1950 was 2 percent over that in 1949, and accepting the 1948 figure as given in the table above, the figure for 1950 is alternatively estimated at 6,508,000 head of cattle.

Table 21

Agricultural Production: Rumania

	1933-37	1934-38	1935-39	1938	1939	1948	1949	1950	1951	1952	1953	1954
A. Physical Units												
Arable Land (mil. hect)	8.8	8.8				8.7					9.3	
Crops (thous. MT)												
Wheat	3,048					2,585	1,905	2,088	2,725	1,966	2,191	2,058
Rye	254					127	89	123	142	106	126	120
Corn	4,369					4,068	3,750	2,920	4,095	2,088	2,570	2,890
Rice	1					16.	16.	16.	30.	22.	26.	48.
Potatoes	1,300					1,224	1,088	816	1,088	653	800	800
Cotton (ginned)	0.1					3.5	2.8	6.0	7.5	5.5	5.0	7.5
Wool (grease)						18.4	20.5	21.4	22.2	22.9	23.6	24.3
Livestock (thous. head)												
Cattle				3,709 a/		4,277	4,277	4,377	4,377	4,567	4,767a/	4,767
Hogs	2,437			2,209*		1,459	1,700	2,400	2,500	3,000	3,522	3,150
Sheep-goats				10,451*		11,506	11,700	11,810	11,210	11,510	11,686b/	11,796
Horses				2,042		998	1,050	1,075	1,060	1,100	1,000	1,025
B. Indexes (1948 = 100)												
Total Agricultural Output	133					100	94	93	104	89	98	97
Food Crops	136					100	93	91	103	88	96	95
Industrial Crops	89					100	102	108	118	111	120	123

a. Alternate estimates, based on official Rumanian data, are as follows: 1938--3, 652*; 1953--4, 674.**

b. Alternate estimate, based on official Rumanian data, is 10,914.**

* Source: Derived from Evolutia Economiei Romanesti, Apr 1, 1948.

** Source: Derived from Scinteia, Jan 9, 1944.

Table 22

Industrial Production: Albania

	1936	1938	1948	1949	1950	1951	1952	1953	1954
<u>A. Physical Units</u>									
<u>Fuel and Power</u>									
Coal, hard mil. MT		0	0	0	0	0	0	0	0
Lignite a/ mil. MT		0.004	0.02	0.04	0.06	0.07	0.1	0.2	0.3
Crude oil a/ thous. MT	48	126	98	132	130	130	150	170	-200
Electric power bil. Kwh		0.003	0.009	0.014	0.021	0.030	0.042	0.060	0.090
<u>Metals</u>									
Iron ore mil. MT		0	0	0	0	0	0	0	0
Manganese ore thous. MT		0	0	0	0	0	0	0	0
Crude steel mil. MT		0	0	0	0	0	0	0	0
Finished steel mil. MT		0	0	0	0	0	0	0	0
Primary copper thous. MT		neg	neg	neg	0.9	1.0	1.0	1.0	1.5
Aluminum, primary thous. MT		0	0	0	0	0	0	0	0
Zinc thous. MT		0	0	0	0	0	0	0	0
Lead thous. MT		0	0	0	0	0	0	0	0
Tin metal thous. MT		0	0	0	0	0	0	0	0
<u>Chemicals</u>									
Sulphuric acid thous. MT		0	0	0	0	0	0	0	0
Ammonia, synthetic thous. MT		0	0	0	0	0	0	0	0
Synthetic Rubber thous. MT		0	0	0	0	0	0	0	0
<u>Other Materials</u>									
Cement mil. MT		0.01	0.02	0.04	0.04	0.04	0.04	0.04	0.04
Bricks mil. MT		neg	neg	neg	neg	neg	neg	neg	0.01
Industrial wood mil. MT		0.02	0.2	0.2	0.2	0.4	0.6	0.8	0.9

Table 22. (Cont.)

[illegible]

Table 22. (Cont.)

B. Indexes(1948 = 100)

<u>Industrial Production</u>	<u>1938</u>	<u>1948</u>	<u>1949</u>	<u>1950</u>	<u>1951</u>	<u>1952</u>	<u>1953</u>	<u>1954</u>
Energy	NA	NA	-	-	-	-	-	-
Metals	-	-	-	-	-	-	-	-
Machinery and Equipment	NA	NA	NA	NA	NA	NA	NA	NA
Chemicals	0	0	0	0	0	0	0	0
Buildings Materials	82	100	209	300	382	591	909	1,364
Forest Products	59	100	114	121	139	161	179	188
Processed Foods	125	100	110	88	105	141	169	169
Light and Textile	NA	NA	NA	NA	NA	NA	NA	NA

a. Alternate estimates of lignite and crude oil production 1949-54, based on official Albanian data*, are as follows:

Lignite mil. MT	<u>1949</u>	<u>1950</u>	<u>1951</u>	<u>1952</u>	<u>1953</u>	<u>1954</u>
	0.025	0.028	0.036	0.053	0.080	0.111
Crude oil thous. MT	120	132	125	153	169	198

* 1949 figures from "One-Year Economic Plan, 1949," published by the State Planning Commission, June 21, 1949; 1950 figures from Albanian Five-Year Plan, as cited in Puna (Tirana) June 6, 1952; the 1950 figures were used as a base for calculating production in subsequent years by applying percentage increases in output over the preceding year, as reported in the Annual Plan Fulfillment Communiqués.

Table 23

Industrial Production: Bulgaria

	<u>1936</u>	<u>1938</u>	<u>1948</u>	<u>1949</u>	<u>1950</u>	<u>1951</u>	<u>1952</u>	<u>1953</u>	<u>1954</u>
<u>A. Physical Units</u>									
<u>Fuel and Power</u>									
Coal, hard		0.1	0.2	0.2	0.3	0.3	0.4	0.4	0.4
Lignite		1.9	4.0	5.0	5.4	6.1	7.2	7.6	8.4
Crude oil	0		0	0	0	0	0	25	50
Electric power		0.232	0.548	0.663	0.780	1.020	1.348	1.60	1.71
<u>Metals</u>									
Iron ore		NA	0.03	0.04	0.04	0.04	0.04	0.05	0.05
Manganese ore		2	8	9	11	12	20	25	30
Crude steel		neg	neg	neg	neg	neg	neg	neg	0.1
Finished steel		0	0	0	0	0	0	0.02	0.04
Primary copper		0.1	NA	NA	NA	1.3	1.5	2.0	2.5
Aluminum primary		0	0	0	0	0	0	0	0
Zinc		NA	3.6	3.7	7.2	10.4	13.6	20.0	24.0
Lead		NA	7.4	9.5	12.8	19.5	27.0	26.0	31.4
Tin metal		0	0	0	0	0	0	0	0
<u>Chemicals</u>									
Sulphuric acid		0	0	0	0	8	14	16	16
Ammonia, synthetic		0	0	0	0	0	15.4	19.6	19.6
Synthetic Rubber		0	0	0	0	0	0	0	0
<u>Other Materials</u>									
Cement		0.2	0.4	0.5	0.6	0.6	0.7	0.7	0.9
Bricks		neg	0.2	0.3	0.4	0.4	0.5	0.6	0.7
Industrial work		0.7	1.5	2.0	2.0	2.4	2.7	3.0	3.2

Table 23 (Cont.)

	1935-39	1938	1939	1948	1949	1950	1951	1952	1953	1954
<u>Machinery and Equipment</u>										
Machine tools			0	0	0	0.05	0.05	0.1	0.1	0.1
Steam turbines		neg		neg	neg	neg	neg	neg	neg	neg
Motors and Generators		neg		30	114	202	259	326	394	466
Mainline locomotives		0		neg	neg	0	neg	0	0	0
Freight cars		0		0	0	0	0.1	0.3	0.6	0.8
Merchant ships		0		0	0	0	0	0	0	0
Trucks		0		0	0	0	0	0	0	0
Passenger cars		0		0	0	0	0	0	0	0
Tractors		0		0	0	0	0	0	0	0
<u>Food Products</u>										
Flour				1,254	1,265	1,285	1,280	1,200	1,234	1,207
Sugar, raw				74.4	54.4	45.4	61.7	50.0	70.0	55.0
Meat		193		100	102	115	110	127	101	114
Whole milk		NA		0.8	0.6	0.5	0.4	0.4	0.4	0.4
Vegetable oils		47.0		32.7	33.0	33.5	40.3	28.8	35.0	32.0
<u>Other Manufactured Consumer Goods</u>										
Cotton cloth			33	60	66	84	95	109	118	124
Woolen cloth			4.5	5.0	6.5	8.5	8.1	9.2	10.4	11.3
Silk cloth			3.1	1.5	3.1	3.1	3.1	3.5	3.8	4.2
Boots and shoes			1.8	1.3	1.5	1.7	2.0	2.4	2.5	2.7

Table 23. (Cont.)

	<u>1938</u>	<u>1948</u>	<u>1949</u>	<u>1950</u>	<u>1951</u>	<u>1952</u>	<u>1953</u>	<u>1954</u>
B. <u>Indexes 1948 = 100</u>								
Industrial Production	98	100	110	133	152	177	192	210
Energy	46	100	123	139	162	197	219	239
Metals	0	100	119	176	271	367	476	638
Machinery and Equipment	0	100	121	173	255	417	597	713
Chemicals	150	100	150	200	400	4,000	5,000	5,900
Building Materials	50	100	128	157	176	195	238	264
Forest Products	61	100	113	120	141	163	179	184
Processed Foods	114	100	94	96	103	95	90	92
Light and Textile	112	100	118	139	157	184	196	210

Table 24

Industrial Production: Czechoslovakia

	<u>1936</u>	<u>1938</u>	<u>1948</u>	<u>1949</u>	<u>1950</u>	<u>1951</u>	<u>1952</u>	<u>1953</u>	<u>1954</u>
<u>A. Physical Units</u>									
<u>Fuel and Power</u>									
Coal, hard			17.7	17.0	18.5	18.3	20.3	20.3	21.8
Lignite			23.6	26.5	27.5	29.4	33.3	34.3	37.1
Crude oil			40	51	63	75	110	120	135
Electric Power ^a			7.52	8.27	9.27	10.29	11.50	12.50	13.40
	19								
<u>Metals</u>									
Iron ore			1.4	1.5	1.7	1.8	1.9	1.9	2.0
Manganese ore			120	130	170	180	230	240	250
Crude steel ^a			2.5	2.7	2.8	2.8	3.2	3.7	4.0
Finished steel			1.8	1.9	2.0	2.0	2.3	2.7	2.8
Primary copper			neg	neg	neg	neg	neg	neg	neg
Aluminum, primary			0	0	0	0	0	3.0	20.0
Zinc			0	0	0	0	0	0	0
Lead			5.0	7.0	7.6	8.6	8.7	9.2	10.0
Tin metal			0	0	0	0	0	0	0
<u>Chemicals</u>									
Sulphuric acid			195.6	206.2	207.3	218.4	232.2	299.3	367.0
Ammonia, synthetic			20.9	25.1	27.0	29.8	31.6	32.2	43.0
Synthetic rubber			0	0.6	1.0	1.2	1.5	1.7	2.0
<u>Other materials</u>									
Cement			1.7	1.7	1.8	2.1	2.2	2.3	2.4
Bricks			0.9	0.8	1.4	1.6	1.7	1.8	1.9
Industrial wood			7.2	8.0	8.5	8.5	8.5	8.2	8.0

Table 24. (Cont.)

	1935-1939	1937	1938	1948	1949	1950	1951	1952	1953	1954
<u>Machinery and Equipment</u>										
Machine tools			c/	11	13	14	14	15	16	18
Steam turbines			n.a.	490	570	705	990	1000	1010	1090
Motors & generators	720			1240	1490	1820	2100	2450	2820	3200
Mainline locomotives			n.a.	225	250	270	300	300	300	320
Freight cars			3.4	11	13	14	15	15	15	16
Merchant ships			0.	0	0	0	0	0	0	0
Trucks			1.6	7.0	7.2	6.0	9.1	10.0	12.0	12.0
Passenger cars			11.4	16.2	20.0	24.2	23.5	20.0	20.0	20.0
Tractors			0.2	9.1	10	10	12	13	13	14
<u>Food Products</u>										
Flour	1782		1767	1778	1778	1778	1681	1587	1602	1603
Sugar, raw	648.5		634.0	626.7	879.8	725.0	625.0	625.0	653.0	642.0
Meat			393	263	295	377	351	540	434	348
Whole milk	4.5 ^{b/}		2.2	2.4	2.4	2.7	2.9	3.2	3.4	3.6
Vegetable oils			11.0	12.6	12.9	13.0	15.5	12.6	13.0	16.1
<u>Other Manufactured Consumer Goods</u>										
Cotton cloth	262		280	318	318	325	333	340	347	355
Woolen cloth	27		38	48	48	44	44	44	44	47
Silk & synthetic fabrics			n.a.	26	30	33	36	41	44	47
Boots and shoes	50.6		64.4	66.0	68.0	68.0	70.3	72.4	72.5	73.5

Table 24. (Cont.)

	<u>1938</u>	<u>1948</u>	<u>1949</u>	<u>1950</u>	<u>1951</u>	<u>1952</u>	<u>1953</u>	<u>1954</u>
B. <u>Indexes 1948=100</u>								
Industrial Production	86	100	111	114	120	134	154	164
Energy	136	100	104	112	119	132	138	149
Metals	79	100	98	101	104	118	137	170
Machinery and Equipment	44	100	115	121	133	151	172	189
Chemicals	94	100	114	129	142	150	161	190
Building Materials	102	100	95	133	152	162	172	181
Forest Products	126	100	112	115	114	112	108	101
Processed Foods	150	100	108	127	123	143	135	129
Light and Textile	82	100	114	113	115	118	119	121

a. Alternate estimates, based on official Czechoslovak sources, for electric power and crude steel vary slightly in certain years from those shown here. The variant estimates are as follows:

	<u>1948</u>	<u>1953</u>	<u>1954</u>
Electric Power bil. Kwh		12.4 ^{1/}	13.6 ^{2/}
Crude Steel mil. MT	2.7 ^{3/}	4.3 ^{4/}	4.3 ^{5/}

b. Annual average for the interwar period.^{2/} 1939

1/ Statistický Obzor No. 10, 1954.

3/ UN Statistical Yearbook 1949-50, p. 257.

5/ Planovane Hospodarstvo No. 4, 1955.

2/ Planovane Hospodarstvo No. 4, 1955.

4/ Rude Pravo, January 23, 1954.

Table 25

Industrial Production: East Germany

	<u>1938</u>	<u>1948</u>	<u>1949</u>	<u>1950</u>	<u>1951</u>	<u>1952</u>	<u>1953</u>	<u>1954</u>
<u>A. Physical Units</u>								
<u>Fuel and Power</u>								
Coal, hard	3.5	2.8	3.0	2.8	3.2	2.8	2.6	2.6
Lignite	119.6	110.9	124.5	137.5	151.2	158.5	172.8	180.7
Crude oil	0	0	0	0	0	0	0	0
Electric power	18.0	15.4	17.3	18.9	21.4	23.5	24.3	26.0
<u>Metals</u>								
Iron ore	n a	0.2	0.3	0.4	0.5	0.8	1.4	1.5
Manganese ore	0	0	0	0	0	0	0	0
Crude steel	1.7	0.3	0.6	1.0	1.6	2.0	2.4	2.6
Finished steel	1.3	0.2	0.4	0.7	0.9	1.4	1.7	1.8
Primary copper	22.0	6.4	9.0	9.1	11.0	10.2	13.6	14.0
Aluminum, primary	78.7	0.4	0.7	1.9	0.9	9.2	16.3	24.0
Zinc	44.4	0	0	0	0	0	3.4	3.8
Lead	15.0	13.2	10.1	19.0	20.7	17.4	18.0	19.6
Tin metal	0.1	0.1	0.1	0.2	0.2	0.4	0.4	0.6
<u>Chemicals</u>								
Sulphuric acid	369.6	185.7	237.0	279.8	363.0	362.3	423.4	531.3
Ammonia, synthetic	385	174	210	236	270	278	290	310
Synthetic rubber	5.7	30.7	26.5	39.0	48.9	56.3	62.0	66.3
<u>Other Materials</u>								
Cement	2.5	0.9	1.2	1.4	1.6	2.0	2.4	2.6
Bricks	3.0	0.7	0.8	1.2	1.4	1.7	1.9	2.1
Industrial wood	10.0	10.5	9.6	9.6	10.4	9.6	9.4	9.4

Table 25

Industrial Production: East Germany (continued)

	1934-38	1935-39	1936	1938	1948	1949	1950	1951	1952	1953	1954
<u>Machinery and Equipment</u>											
Machine tools				38 a/	8	9	16	19	24	26	28
Steam turbines				38	157	167	171	192	340	384	590
Motors & generators			1035		315	520	950	1590	1750	2210	2640
Mainline locomotives				100	0	0	0	0	0	0	neg
Freight cars				17	4.4	6.2	7.3	7.7	10.2	11.6	12.3
Merchant ships				14	NA	NA	NA	NA	NA	NA	NA
Trucks				NA	NA	NA	5.6	7.0	34.9	11.7	33.5
Passenger cars				NA	NA	NA	1.2	4.8	7.3	11.6	11.0
Tractors				NA	NA	NA	5.0	10.3	16.4	12.0	16.0
				NA	0	0.8	3.7	6.0	7.3	7.5	7.5
<u>Food Products</u>											
Flour		1654			2065	2065	2048	2014	1985	1895	1900
Sugar, raw		888			680	555	780	750	539	750	685
Meat				680	229	264	428	490	556	600	534
Whole milk		5.0			2.3	2.5	3.0	3.9	4.5	4.6	4.6
Vegetable Oils				2070	NA	NA	49.2	53.1	52.3	53.0	38.2
<u>Other Manufactured Consumer Goods</u>											
Cotton cloth											
Woolen cloth											
Rayon cloth											
Silk cloth											
Boots and Shoes											
			355		138	181.4	261.2	327.0	349.9	391.9	472.8
				NA	20.0	25.6	33.6	37.1	43.0	45.5	54.0

Table 25a

Statistics for some commodities listed in Table 25 (East Germany) differ from data appearing in Gleitze--
Mitteilungen des Wirtschaftswissenschaftlichen Instituts der Gewerkschaften, Feb-March 1954. Although in
many instances data for the 1948-1950 period are missing, a list of these production statistics follow:

Industrial Production: East Germany		1938	1948	1949	1950	1951	1952	1953
Lignite	mil. MT	119.6	110.9	124.0	137.3	158.7	172.9	178.0
Potash	thous. MT, K ₂ O	1,275	892	1,198	1,483	1,639	1,803	1,714
Crude steel	mil. MT	1.4	0.4	0.6	1.0	1.5	1.8	1.9
Finished steel	mil. MT	1.0	0.2	0.4	0.9	1.1	1.3	1.5
Sulphuric acid	thous. MT	349	154	203	235	292	346	400
Gasoline	thous. MT	769	350	460	492	603	672	762
Diesel fuel	thous. MT	60	250	240	432	522	562	630
Cement	thous. MT	2.0	n.a.	n.a.	n.a.	1.6	1.6	n.a.
Bricks	bil. units	2.6	n.a.	n.a.	n.a.	1.5	1.9	n.a.
Roofing tile	bil. units	225	n.a.	n.a.	n.a.	191	189	n.a.
Sawn lumber	mil. m3	3.8	n.a.	n.a.	n.a.	3.7	4.1	n.a.
Passenger cars	thous. units	73.0	n.a.	n.a.	n.a.	11.9	19.8	29.0
Trucks	thous. units	27.9	n.a.	n.a.	n.a.	5.0	9.3	14.0
Yarn	thous. MT	248	n.a.	n.a.	168	203	211	250
Stockings and socks	mil. pairs	367	n.a.	n.a.	116	151	172	180
Leather shoes	mil. pairs	17.2	n.a.	n.a.	8.0	11.5	16.0	20.2
Fabrics ^b	mil. m2	n.a.	n.a.	n.a.	261	242	242	314
Milk ^b	mil. MT	5.0	2.1	2.5	3.2	4.0	4.8	n.a.
Meat ^c	thous. MT	615	229	264	428	490	619	n.a.

n.a. = not available.

Table 25a

Industrial Production: East Germany (Continued)

	1938	1948	1949	1950	1951	1952	1953	1954
B (1) <u>Indexes 1948 = 100 d/</u>								
Industrial Production	275	100	119	175	212	247	272	295
Energy and Mining	125	100	115	150	188	206	225	231
Metals	500	100	150	275	375	405	575	600
Machinery and Equipment	536	100	138	200	292	378	408	462
Chemicals	149	100	120	151	187	209	222	247
Building Materials	347	100	129	164	194	233	278	303
Forest Products	89	100	86	82	86	78	76	75
Processed Foods	170	100	102	127	143	152	159	151
Light and Textile	265	100	130	185	180	198	217	237
Defense Industry e/	100	0	0	1	2	5	4	9
B (2) <u>Indexes 1948 = 100 d/</u>								
Industrial Production	216	100	125	161	192	211	229	240
Energy and Mining	125	100	115	150	188	206	225	231
Metals	500	100	150	275	375	450	575	600
Machine and Equipment	400	100	160	240	288	320	340	360
Chemicals	154	100	123	154	192	215	231	254
Building Materials	333	100	133	167	250	267	283	300
Forest Products	90	100	85	85	85	90	85	85
Processed Foods	167	100	100	125	142	150	158	150
Light and Textile	250	100	138	163	175	188	200	218

a. 1939

b. Source: Federal Republic Statistical Yearbook, 1954.

c. Alternative US estimate.

d. Two independently-derived sets of indexes of industrial production and of industrial sub-sectors of production are listed for East Germany. The variations may be accounted for by the use of prewar weights (B(2)) in one case and the use of postwar weights (B(1)) in the other, by differing classifications of production categories, and by differences in basic production estimates. It may be noted that the prewar relationship to 1954 is similar in both cases but that the dip in the immediate post-war period is much deeper in (B(1)) than in the case of (B(2)).

e. 1938 = 100. The selection of a base year other than 1948 was necessary since data indicated that there was no defense production in 1948 or 1949.

Table 26

Industrial Production: Hungary

	<u>1936</u>	<u>1938</u>	<u>1948</u>	<u>1949</u>	<u>1950</u>	<u>1951</u>	<u>1952</u>	<u>1953</u>	<u>1954</u>
<u>Physical Units</u>									
<u>Fuel and Power</u>									
Coal, hard		1.0	1.2	1.4	1.4	1.6	2.0	2.2	2.6
Lignite		8.3	9.4	10.4	11.8	13.6	16.8	19.1	19.5
Crude oil	0		499	497	511	535	570	830	1118
Electric power		1.40	2.02	2.37	2.79	3.32	4.20	4.60	5.10 ^a
<u>Metals</u>									
Iron ore		n a	0.3	0.3	0.4	0.4	0.4	0.4	0.5
Manganese ore		16	40	41	42	43	44	75-100	85-110
Crude steel		0.6	0.8	0.8	0.9	0.9	1.0	1.0	1.0
Finished steel		0.4	0.5	0.6	0.6	0.6	0.6	0.7	0.8
Primary copper		0	0	0	0	0	0	0	0
Aluminum, primary		1.5	9.4	14.4	16.4	22.0	26.0	30.0	32.0
Zinc		0	0	0	0	0	0	0	0
Lead		0	0	0	0	0	0	0	0
Tin metal		0	0	0	0	0	0	0	0
<u>Chemicals</u>									
Sulphuric acid		85	30	46	62	62	92	137	119
Ammonia, synthetic		15	2.3	9.0	9.8	11.9	16.0	16.0	16.0
Synthetic rubber		0	0	0	0	0	0	0	0
<u>Other materials</u>									
Cement		0.3	0.3	0.6	0.8	1.0	1.1	1.1	1.2
Brick		0.4	0.3	0.4	0.7	0.8	1.1	1.2	1.4
Industrial wood		0.4	0.7	0.8	0.8	0.8	0.9	1.0	1.0

Table 26. (Cont.)

	<u>1935-1939</u>	<u>1938</u>	<u>1948</u>	<u>1949</u>	<u>1950</u>	<u>1951</u>	<u>1952</u>	<u>1953</u>	<u>1954</u>
<u>Machinery and Equipment</u>									
Machine tools			^{d/} 0.6	1.0	1.3	1.8	2.4	2.8	^{b/} 3.4
Steam turbines			n.a.	75	75	75	80	96	120 ^{b/}
Motor & generators			80	180	280	420	660	820	950
Mainline locomotives			n.a.	155	170	175	170	165	165
Freight cars			n.a.	n.a.	5	5	4	6	7
									8
Merchant ships			n.a.	n.a.	10.7	8.4	12.0	7.2	9.6
Trucks			.6	.4	n.a.	1.3	4.7	5.5	5.5
Passenger cars			.2	0	0	0	0	0	0
Tractors			n.a.	0.9	2.8	4.2	3.8	---	4
<u>Food Products</u>									
Flour	1418		1419	1423	1430	1435	1385	1475	1462
Sugar, raw	113.4		244.9	263.0	253.4	260.0	210.0	265.0	265.0
Meat		387	137	177	213	179	246	185	203
Whole milk	1.5 ^{c/}		0.9	1.1	1.2	1.1	1.3	1.2	1.1
Vegetable oils			12.0	93.9	93.5	43.2	82.6	39.2	50.0
<u>Other Manufactured Consumer Goods</u>									
Cotton cloth			159.3	160.1	189.8	205.1	238.1	249.6	237.6
Woolen cloth			14.8	15.3	18.5	20.7	24.2	21.5	22.2
Rayon cloth			16.0	13.0	13.0	15.2	20.1	21.1	21.1
Silk cloth									
Boots and shoes			4.0	4.0	4.6	7.0	9.0	10.4	10.1
									12.6

Table 26. (Cont.)

	<u>1938</u>	<u>1948</u>	<u>1949</u>	<u>1950</u>	<u>1951</u>	<u>1952</u>	<u>1953</u>	<u>1954</u>
B. <u>Indexes 1948 = 100</u>								
Industrial Production	114	100	121	144	171	194	208	214
Energy	83	100	112	125	146	180	201	NA
Metals	76	100	115	122	133	161	174	NA
Machinery and Equipment	57	100	87	167	216	231	253	NA
Chemicals	180	100	140	160	173	208	250	NA
Building materials	132	100	160	268	312	368	400	NA
Forest Products	98	100	102	102	102	103	104	NA
Processed Foods	156	100	115	116	115	122	115	NA
Light and Textile	100	100	115	154	194	215	208	NA

a. On the basis of the Hungarian plan Fulfillment Report for that year, electric power production in 1954 can be estimated at 4.8 billion Kwh.

b. Based on known difficulties in the heavy manufacturing industries in 1954 and the official Hungarian admission that output of heavy industry declined by more than 3 percent, production of these machinery items in 1954 is alternatively estimated at about the same level as in 1953, or even somewhat lower.

c. Annual average for the interwar period.

d. 1939

Table 27

Industrial Production: Poland

	1938	1948	1949	1950	1951	1952	1953	1954
<u>Physical Units</u>								
<u>Fuel and Power</u>								
Coal, hard	69.4	70.3	74.1	78.0	81.9	84.5	88.7	91.6
Lignite	5.8	5.1	4.6	4.8	4.9	5.1	5.6	5.9
Crude oil	510 ^a	140	152	162	175	195	220	230
Electric power	7.0	7.5	8.3	9.4	10.7	12.0	13.6	15.4
<u>Metals</u>								
Iron ore	0.9	.6	.7	.8	.9	1.0	1.3	1.6
Manganese ore	0	0	0	0	0	0	0	0
Crude steel ^b	1.4	1.8	2.2	2.4	2.6	2.9	3.1	3.3
Finished steel	1.0	1.2	1.5	1.7	1.9	2.1	2.2	2.3
Primary copper	0	0	0	n a	6	10	15	20
Aluminum, primary	0	0	0	0	0	0	0	2.5
Zinc	108.1	87.1	92.0	100.6	118.0	125.0	131.0	157.0
Lead	20	17	18	20	24	25	30	35
Tin metal	0	0	0	0	0	0	0	0
<u>Chemicals</u>								
Sulphuric acid	196	221	278	287	292	374	400	453
Ammonia, synthetic	31	34	40	46	51	54	56	110
Synthetic rubber	0	0.5	1.0	1.4	2.0	2.7	4.0	5.5
<u>Other Materials</u>								
Cement	1.7	1.8	2.3	2.5	2.7	2.7	3.3	3.6
Brick	1.8	1.0	1.3	1.5	1.5	2.3	3.0	3.3
Industrial wood	10.0	8.6	8.8	9.4	9.8	10.2	10.6	10.6

Table 27. (Cont.)

	<u>1938</u>	<u>1939</u>	<u>1948</u>	<u>1949</u>	<u>1950</u>	<u>1951</u>	<u>1952</u>	<u>1953</u>	<u>1954</u>
<u>Machinery and Equipment</u>									
Machine tools	12 ^c /								
Steam turbines	n a		3.3	4.7	5.4	6.0	6.5	6.2	9.0
Motor & generators	200		neg	neg	neg	neg	50	80	100
Mainline locomotives	30		190	200	300	480	680	765	985
Freight cars	0.3		225	240	240	250	260	275	315
Merchant ships			15.0	14.2	14.3	14.6	15.0	15.5	16.5
Trucks	n a		n a	n a	8.6	3.9	24.8	34.0	71.0
Passenger cars	0.8		neg	0.2	1.0	2.6	6.9	10.4	11.5
Tractors	2.1		0	0	0	neg	1.6	2.2	2.4
	0		1.2	2.5	3.8 ^d /	4.2 ^d /	6.0	6.9	7.7
<u>Food Products</u>									
Flour	4099 ^e /		3721	3780	3853	3627	3946	4165	4159
Sugar, raw	897.9 ^e /		693.8	845.0 ^b /	955.0	853.2	656.8	910.5 ^b /	950.0 ^f /
Meat	1110		420	479	724	801	659	755	766
Whole milk	10.4		4.6	6.1	7.8	7.8	8.8	9.0	9.0
Vegetable oils	20.0		n a	n a	54.1	54.3	50.6	58.6	50.1
<u>Other Manufactured Consumer Goods</u>									
Cotton cloth	288		344	398	432	462 ^g /	492 ^g /	498	523
Woolen cloth	37.7		42.1	49.0	55.4	60.3	62.7	70.5	71.2
Rayon cloth	23.0		32.8	47.7	57.4	66.0	68.0	68.0	74.8
Silk cloth									
Boots and shoes	n a		8.7	12.8	14.9	20.9	22.7	36.3 ^h /	39.6 ^h /

Table 27. (Cont.)

	<u>1938</u>	<u>1948</u>	<u>1949</u>	<u>1950</u>	<u>1951</u>	<u>1952</u>	<u>1953</u>	<u>1954</u>
B. <u>Indexes 1948 = 100</u>								
Industrial Production	114	100	120	139	155	169	204	226
Energy	104	100	104	113	122	129	140	140
Metals	78	100	117	142	152	168	183	211
Machinery and Equipment	20	100	108	116	134	161	184	241
Chemicals	76	100	125	138	147	164	182	213
Building Materials	124	100	129	142	151	173	222	244
Forest Products	126	100	101	106	109	112	115	115
Processed Foods	186	100	117	151	149	144	141	159
Light and textile	155	100	133	155	197	212	303	327

a. 1936

b. Alternate estimates of the production of crude steel, based on official Polish sources,* are as follows

	<u>1949</u>	<u>1950</u>	<u>1951</u>	<u>1952</u>	<u>1953</u>	<u>1954</u>
	2.3	2.5	2.8	3.2	3.6	4.0

c. 1939

d. Alternate estimates of the production of tractors* are as follows: 1950 - 4.0, 1951 - 5.0.

e. 1935-1939.

f. Alternate estimates of the production of raw sugar* are: 1949-745.0, 1953-1,100.0, and 1954 - 1,034.0.

g. Alternate estimates of the production of cotton cloth*are: 1950 - 425,1951 - 455, 1952-464.

h. Alternate estimates of the production of boots and shoes* are: 1953- 20.8, 1954 - 22.7.

* Derived from percentage increases in production over that in the preceding year, as reported in the annual Plan Fulfillment Communiques.

Table 28

Industrial Production: Rumania

	1938	1948	1949	1950	1951	1952	1953	1954
<u>Physical Units</u>								
<u>Fuel and Power</u>								
Coal, hard	0.3 ^a	0.2	0.2	0.3	0.3	0.4	0.4	0.4
Lignite	2.1	2.6	2.6	2.9	3.4	3.9	4.0	4.6
Crude oil	8704	4417	4815	5465	6728	7987	9046	10,000 ^b
Electric power	1.15	1.50	1.90	2.7	2.53	2.90	3.40	4.0 ^b
<u>Metals</u>								
Iron ore	n a	0.2	0.3	0.4	0.4	0.4	0.5	0.5
Manganese ore	60	57	67	70	70	70	70	75-100
Crude steel	0.3	0.3	0.4	0.4	0.5	0.6	0.7	0.7
Finished steel	0.2	0.2	0.2	0.3	0.4	0.4	0.4	0.5
Primary copper	0.6	0.6	0.6	0.6	0.6	0.8	1.0	1.0
Aluminum, primary	0	0	0	0	0	0	0	2.2
Zinc	3.2	2.2	2.3	3.0	3.5	4.0	5.6	5.6
Lead	6	4	4	4	5	6	8	10
Tin metal	0	0	0	0	0	0	0	0
<u>Chemicals</u>								
Sulphuric acid	44	27.5	37.1	43.1	48.0	49.6	59.2	58.6
Ammonia, synthetic	0.8	1.6	1.7	1.7	1.8	3.2	8.7	9.0
Synthetic rubber	0	0	0	0	0	0	0	0
<u>Other Material</u>								
Cement	0.4	0.6	0.9	1.0	1.1	1.5	1.9	2.0
Brick	0.5	0.2	0.3	0.4	0.5	0.6	0.7	0.8
Industrial wood	7.0	5.5	6.0	6.5	6.9	7.2	8.3	9.9

Table 28. (Cont.)

	<u>1935-1939</u>	<u>1937</u>	<u>1938</u>	<u>1939</u>	<u>1948</u>	<u>1949</u>	<u>1950</u>	<u>1951</u>	<u>1952</u>	<u>1953</u>	<u>1954</u>
<u>Machinery and equipment</u>											
Machine tools				0	0.06	0.1	0.3	0.4	0.6	0.9	1.2
Steam turbines			n a		neg	5	5	10	15	20	40
Motor & generators	10				10	16	53	135	265	370	490
Mainline locomotives			n a		110	120	120	120	100	130	140
Freight cars			2.8		n a	4	6	7	7	6	7
equivalent units											
Merchant ships			n a		n a	n a	6.3	6.3	6.3	6.3	6.3
Trucks			0		0	0	0	0	0	neg	neg
Passenger cars			0		0	0	0	0	0	0	0
Tractors			2		1.0	1.9	3.3	3.4	3.8	4.6	5.0 ^d
<u>Food Products</u>											
Flour					1413	1426	1440	1381	1366	1245	1250
Sugar, raw					112.5	111.6	94.6	125.0	95.1	106.5	112.0
Meat			360		222	228	239	229	246	257	257
Whole milk			1.4		1.6	1.6	1.7	1.7	1.7	1.8	1.8
Vegetable oils			67.3		67.3	57.9	47.1	63.9	48.6	55.0	53.0
<u>Other Manufactured Consumer Goods</u>											
Cotton cloth			113.7		103.4	129.6	167.1	194.4	224.0	226.3	238.8
Woolen cloth			9.6		8.7	12.1	16.7	18.7	20.2	21.4	22.2
Silk cloth			11.4		8.9	11.4	12.7	13.8	15.9	15.8	17.0
Boots and shoes			5.3		3.1	5.8	7.4	8.8	9.7	11.9	13.8

Table 28. (Cont.)

	<u>1938</u>	<u>1948</u>	<u>1949</u>	<u>1950</u>	<u>1951</u>	<u>1952</u>	<u>1953</u>	<u>1954</u>
B. <u>Indexes 1948 = 100</u>								
Industrial Production	120	100	120	142	162	180	200	214
Energy	122	100	108	123	149	171	189	212
Metals	93	100	117	139	174	192	209	232
Machinery and Equipment	124	100	182	197	218	244	287	303
Chemicals	97	100	156	197	215	247	294	329
Building Materials	109	100	139	170	194	248	303	327
Forest Products	127	100	105	103	105	105	114	127
Processed Foods	113	100	101	101	102	103	105	105
Light and Textile	148	100	168	213	248	277	323	368

a. 1936

b. Based on the official Plan Fulfillment Communique for 1954 which reported output of crude oil and electric power at 107.5 and 109.2 percent of the 1953 production, respectively; 1954 output is alternatively estimated at 9,740,000 metric tons of crude oil and 3.71 billion Kwh of electric power.

c. Based on the annual Plan Fulfillment Communiques alternate estimates of crude steel output for the years 1949-54 are as follows (in million metric tons):

<u>1949</u>	<u>1950</u>	<u>1951</u>	<u>1952</u>	<u>1953</u>	<u>1954</u>
0.5	0.5	0.6	0.7	0.7	0.6

d. 1954 output of tractors is alternatively estimated at 4,800 units, on the basis of the Plan Fulfillment Communique which reported the production of tractors in that year as 103.7 percent of that in 1953.

Table 29

Transportation and Communications: Albania

	<u>1938</u>	<u>1948</u>	<u>1949</u>	<u>1950</u>	<u>1951</u>	<u>1952</u>	<u>1953</u>	<u>1954</u>
A. <u>Physical Units</u>								
<u>Railroads</u>								
Freight turnover (bill. MT/KM)	0	.004	.006	.008	.014	.021	.028	.035
<u>Inland Shipping</u>								
Freight turnover (bill. MT/KM)	NA	NA	NA	NA	NA	NA	NA	NA
<u>Maritime Shipping</u>								
Freight turnover (bill. MT/KM)		.02	.02	.02	.02	.03	.03	.03
<u>Motor Transport</u>								
Freight turnover (bill. MT/KM)	.007	.018	.025	.036	.051	.066	.080	.095
<u>Telephone</u>								
No. of long-distance messages (mill. units)						0.1	0.1	0.1
<u>Telegraph</u>								
No. of messages (mill. units)	0.3	0.6	0.9	1.1	1.4	1.5	1.5	1.5
B. <u>Indexes (1948 = 100)</u>								
<u>Transportation</u>								
Total Freight Turnover	50	100	129	174	203	259	294	344
<u>Communications</u>	67	100	133	203	236	270	303	303

Table 30

Transportation and Communications: Bulgaria

	<u>1938</u>	<u>1948</u>	<u>1949</u>	<u>1950</u>	<u>1951</u>	<u>1952</u>	<u>1953</u>	<u>1954</u>
A. <u>Physical Units</u>								
<u>Railroads</u>								
Freight turnover (bill MT/KM)	.7	2.0	2.4	2.7	3.1	3.3	3.9	4.1
<u>Inland Shipping</u>								
Freight turnover (bill. MT/KM)	1.1	0.7	0.8	0.8	0.9	1.1	1.2	1.3
<u>Maritime Shipping</u>								
Freight turnover (bill. MT/KM)	1.6	0.3	0.5	0.6	0.6	0.7	0.7	0.8
<u>Motor Transport</u>								
Freight turnover	.046	.067	.090	.122	.158	.190	.225	.259
<u>Telephone</u>								
No. of Long-distance messages (mill. units)	3.0	10.0	10.5	11.0	11.5	11.6	11.8	11.9
<u>Telegraph</u>								
No. of Messages (mill. units)	3.6	6.2	6.5	6.8	7.1	7.5	7.9	8.2
B. <u>Indexes</u> (1948=100)								
<u>Transportation</u>								
Total Freight Turnover	91	100	116	129	145	162	179	196
<u>Communications</u>	39	100	106	111	116	118	122	123

Table 31

Transportation and Communications: Czechoslovakia

	<u>1938</u>	<u>1948</u>	<u>1949</u>	<u>1950</u>	<u>1951</u>	<u>1952</u>	<u>1953</u>	<u>1954</u>
A. <u>Physical Units</u>								
<u>Railroads</u>								
Freight turnover (bill. MT/KM)	10.6	12.7	14.8	16.9	19.0	21.1	23.1	24.1
<u>Inland Shipping</u>								
Freight turnover (bill. MT/KM)	1.3	0.6	0.6	0.7	0.9	1.1	1.3	1.5
<u>Maritime Shipping</u>								
Freight turnover (bill. MT/KM)	0	0	0	0	0	0.5	0.5	1.0
<u>Motor Transport</u>								
Freight turnover (bill. MT/KM)	.090	.136	.172	.220	.270	.340	.441	.530
<u>Telephone</u>								
No. of Long-distance messages (mill. units)	19.4	45.5	47.5	48.1	48.8	49.4	50.0	50.6
<u>Telegraph</u>								
No. of messages (mill. units)	4.8	7.6	8.2	8.8	9.5	10.3	11.1	12.0
B. <u>Indexes</u> (1948=100)								
<u>Transportation</u>								
Total Freight Turnover	89	100	117	134	151	172	189	200
<u>Communications</u>								
	44	100	105	107	109	111	114	116

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Table 32

Transportation and Communications: East Germany

	<u>1938</u>	<u>1948</u>	<u>1949</u>	<u>1950</u>	<u>1951</u>	<u>1952</u>	<u>1953</u>	<u>1954</u>
A. <u>Physical Units</u>								
<u>Railroads</u>								
Freight turnover (bill. MT/KM)	22.0	11.4	14.5	16.5	17.6	19.1	22.1	23.0
<u>Inland Shipping</u>								
Freight turnover (bill. MT/KM)	4.5	1.0	1.1	1.2	1.3	1.6	1.7	1.8
<u>Maritime Shipping</u>								
Freight turnover (bill. MT/KM)	n.a.	0.1	0.1	0.1	0.1	0.1	0.1	0.2
<u>Motor Transport</u>								
Freight turnover (bill. MT/KM)	0.8	1.2	1.5	1.7	1.9	2.2	2.6	3.0
<u>Telephone</u>								
No. of Long-distance messages (mill. units)	23.7	14.5	16.0	16.4	16.8	17.2	17.6	17.9
<u>Telegraph</u>								
No. of messages (mill. units)	2.0	1.3	1.3	1.4	1.4	1.4	1.5	1.5
B. <u>Indexes (1948=100)</u>								
<u>Transportation</u>								
Total Freight Turnover	176	100	127	129	155	170	196	208
<u>Communications</u>	163	100	110	113	116	118	122	123

Table 33

Transportation and Communications: Hungary

	<u>1938</u>	<u>1948</u>	<u>1949</u>	<u>1950</u>	<u>1951</u>	<u>1952</u>	<u>1953</u>	<u>1954</u>
A. <u>Physical Units</u>								
<u>Railroads</u>								
Freight turnover (bill. MT/KM)	2.6	3.3	3.5	4.0	4.5	5.0	5.5	5.5
<u>Inland Shipping</u>								
Freight turnover (bill. MT/KM)	2.2	0.3	0.5	0.6	0.7	0.7	0.8	0.8
<u>Maritime Shipping</u>								
Freight turnover (bill. MT/KM)	1.8	0.3	0.3	0.4	0.6	0.8	0.9	0.9
<u>Motor Transport</u>								
Freight turnover (bill. MT/KM)	.103	.104	.106	.128	.150	.170	.192	.215
<u>Telephone</u>								
No. of Long-distance messages (mill. units)	6.6	5.5	5.8	5.8	5.8	5.9	5.9	6.0
<u>Telegraph</u>								
No. of messages (mill. units)	2.9	3.8	3.8	4.0	4.1	4.2	4.4	4.5
B. <u>Indexes (1948=100)</u>								
<u>Transportation</u>								
Total Freight Turnover	141	100	109	127	145	161	179	n.a.
<u>Communications</u>	105	100	103	105	109	109	110	n.a.

Table 34

Transportation and Communications: Poland

	<u>1938</u>	<u>1948</u>	<u>1949</u>	<u>1950</u>	<u>1951</u>	<u>1952</u>	<u>1953</u>	<u>1954</u>
A. <u>Physical Units</u>								
<u>Railroads</u>								
Freight turnover (bill. MT/KM)	26.1	25.4	29.4	33.5	37.0	39.2	44.5	48.0
<u>Inland Shipping</u>								
Freight turnover (bill. MT/KM)	0.4	0.3	0.6	0.7	0.8	1.3	1.8	2.3
<u>Maritime Shipping</u>								
Freight turnover (bill. MT/KM)	3.9	2.2	3.8	4.8	7.9	8.5	8.8	9.2
<u>Motor Transport</u>								
Freight turnover (bill. MT/KM)	.009	.045	.126	.306	.468	.648	.810	.990
<u>Telephone</u>								
No. of Long-distance messages (mill. units)	28.3	24.4	27.0	27.6	28.2	28.8	29.3	29.7
<u>Telegraph</u>								
No. of messages (mill. units)	4.6	7.1	7.9	8.2	8.7	9.1	9.5	10.0
B. <u>Indexes (1948=100)</u>								
<u>Transportation</u>								
Total Freight Turnover	106	100	119	138	158	169	192	208
<u>Communications</u>								
	107	100	110	113	116	120	122	124

Table 35

Transportation and Communications: Rumania

	<u>1938</u>	<u>1948</u>	<u>1949</u>	<u>1950</u>	<u>1951</u>	<u>1952</u>	<u>1953</u>	<u>1954</u>
A. <u>Physical Units</u>								
<u>Railroads</u>								
Freight turnover (bill. MT/KM)	5.0	5.6	6.6	7.6	9.3	10.1	11.6	11.5
<u>Inland Shipping</u>								
Freight turnover (bill. MT/KM)	1.4	0.3	0.4	0.5	0.6	0.8	1.0	1.1
<u>Maritime Shipping</u>								
Freight turnover (bill. MT/KM)	3.5	0.4	0.6	1.2	1.5	1.6	1.7	1.8
<u>Motor Transport</u>								
Freight turnover (bill. MT/KM)	.020	.029	.039	.049	.058	.068	.077	.086
<u>Telephone</u>								
No. of Long-distance messages (mill. units)	7.8	18.9	18.9	19.0	19.2	19.3	19.5	19.6
<u>Telegraph</u>								
No. of messages	4.1	5.0	5.2	5.3	5.5	5.7	5.9	6.1
B. <u>Indexes (1948=100)</u>								
<u>Transportation</u>								
Total Freight Turnover	172	100	110	138	210	223	256	274
<u>Communications</u>	46	100	101	101	103	103	105	106